The Future of ARP Automation / Systems Integration

Recurrent AIP Course
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Business Needs

- ## FAA Office of Airports
  - ◆ Lead. Responsive. Accountable. Productivity.

- ## Airports' Customers
  - ◆ Quick & inexpensive access. One-stop shopping.

- ## Airports Employees
  - ◆ Instant access. GUI. Avoid re-keying. Support.

- ## Congress & the Executive Branch
  - ◆ Accountability. Electronic Commerce. IT emphasis

State of the Union: O.A. Infrastructure

- Supported by Reg. Automation Contacts
- Pentium PC's; most are 166 mhz
- Win 95 / Office Pro 97; licenced for upgrades thru 3/99 (i.e., Win 98)
- Upgraded Servers
- ADTN2000 Connections: R.O. & ADO's
- Internet / Intranet

State of the Union: Nat'l. ARP Systems

- **Supported by Volpe@ Cambridge, MA**
- **Stove Piped; Some interface; Not GUI**
- **Centralized: AIP, PFC, ACAIS**
  - ◆ **hosted on DEC Alpha enterprise server**
  - ◆ **connection thru ADTN2000**
  - ◆ **Y2K renovated**
- **Reg. LAN Based: NPIAS-CIP, CCMIS**
  - ◆ **configuration & maintenance problems**
  - ◆ **roll-up of data to HQ**

New Directions - Short Term (FY98)   ARP

- **New Versions of NPIAS-CIP and CCMIS**
  - ◆ Make GUI (Windows based)
  - ◆ Centralize
    - ▲ hosted on Dell server at Volpe
    - ▲ connection thru ADTN2000
  - ◆ Y2K Compliance; Renovate by 9/30/98
- **Customizing AIP for the Regions**

Y2K: Priority #1

Key Areas of Focus:

- ◼ Nat'l. Automated Systems
- ◼ O. A. Infrastructure (PC's, LAN's)
- ◼ Local Automated Systems (COTS)
  - ◆ cc:Mail, calendar sys., etc.
- ◼ EXTERNAL: FAA-Industry Y2K Airfield Working Group

New Directions - Long Term FY99

ARP

- **Systems Integration Plan (Volpe):**
  - ◆ **Host on Enterprise Server**
  - ◆ **Oracle RDBMS w/ GUI**
  - ◆ **Data dictionary - share data**
  - ◆ **Web enabled applications**
    - ▲ **Users connect via ARP Intranet web site:** *interweb.faa.gov/arp*

New Directions - Long Term FY99 ARP

- ■ **"U.S. Electronic Grants"**(Web based)
  - ◆ Fed. gov't. wide. V.P.'s NPR initiative.
  - ◆ Single point entry for all seeking grants
  - ◆ DOT's FRA leading pilot project
  - ◆ Connects w/ agency grants data base
  - ◆ FAA told to budget $300K in FY99

New Directions - Long Term FY99

ARP

■ **ARP-10 Approach**

◆ *Goal:* <u>One integrated Airports automated system</u>

◆ New hire: Computer Apps specialist. *Nancy Watson* on-board 5/18/98.

◆ User requirements w/ 3-4 field personnel task force

◆ Assess System Integration Plan by Volpe

◆ Tie-in w/ "U.S. Electronic Grants"